

Product datasheet for **RN204814**

Msantd4 (NM_001024357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msantd4 (NM_001024357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Msantd4
Synonyms:	Msantd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204814 representing NM_001024357 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGCAATTGAAAAGGAAAAGGAAAAGCAATTTTGTGTTTCAGGAGACTCAGACCCCTTTGAAAGAAA
TTACCAAGAGGAAGGAAGTCATTTTTCTAAGCAGCTCAACACAATAAACGTAATGAAGCGAATGGC
CTGGGAGGAGATCGCACAGTGTGTGAATGCTGTCGGAGAAGGAGAGCAGAGAACAGGCACAGAGGTAAAG
AGACGGTACCTGGACTGGCGCGCACTCATGAAGAGGAAGAGGATGAAGGCCAACATGAAGTTGGTTGGCT
CTGGGTTTCCTCTGCCACATCTGACCTAGATGATTCTCTCACTGAAGACATAGATGAAAAAATTGCCTT
CCGAAATGATGCAATTTTGACTGGCAGAATGTGGCAGATTTCCGGGATGCTGGAGGATCCTTAACAGAG
GTCAAAGTGGAAGAGGAAGAAAGGGATCCACAGAGCCCCGAATTTGAGATTGAGGAGGAGGAAGAGATGC
TGTCATCTGTACATACCCGATTCCAGGAGGGAACGAGCTCCCTGACTTCCCTCACATTGATGAGTTTTT
CACCTCAACTCCACACCGTCCAGACCCACCTATGATGAGCCCCATCTGCTCATGAACATAGAGAAACAG
AAGCTGGAGCTGGAAAAACGCCGTCTTGATATTGAGGCAGAAAGGCTGCAGGTGGAAAAGGAGCGGCTGC
AGATAGAGAAAGAGCGCCTGCGCCATCTGGACCTGGAGCATGAGCGCCTGCAGCTGGAGAAGGAGAGGCT
GCAGATCGAGAGAGAGAAGTGGAGGCTGCAACTGGTCAGCACCGAGAAACCAGCCCTAGAGAACGAATC
GGCCAGGGGGAGAAGTCCATGCTGCAGCCACAGGACATCGAAGCAGAGAAGTTGAAACTAGAGCGAGAGC
GCCTGCAGTTGGAGAAAGATCGGCTGCAGTTTTTGAAGTTTGAATCAGAGAAGCTGCAGATAGAAAAGGA
GCGCTTGAGGTGGAGAAGGAGAGACTGCGGATTCAGAAAGAAGGCGATTACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001024357
Insert Size:	1038 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001024357.1</u> , <u>NP_001019528.1</u>
RefSeq Size:	2838 bp
RefSeq ORF:	1038 bp
Locus ID:	500941
UniProt ID:	<u>Q501L3</u>
Cytogenetics:	8q11